

09/982970

ABSTRACT OF THE DISCLOSURE

5 An apparatus for controlling an electromagnetic parts  
feeder comprises a vibrating unit provided with an  
10 5 electromagnet that vibrates at a predetermined frequency, a  
bowl adapted to discharge parts accommodated therein by means  
of the vibrating unit, a driving circuit for driving the  
electromagnet, and a control unit for outputting a driving  
15 10 driving signal to the driving circuit to cause a predetermined  
driving. The control is performed by idling the driving of  
the electromagnet temporarily at every predetermined driving  
cycles thereof and controlling the vibration of the  
electromagnet based on a signal obtained from a coil of the  
electromagnet by its electromagnetic induction during the  
15 15 idling period, for instance, based on a phase difference  
between a waveform of this signal and the driving signal of  
the driving circuit.

0982970-102204